

Stealth BioTherapeutics, Inc. is an innovative biopharmaceutical company committed to bringing patients mitochondria-targeted therapies to treat both common and rare diseases. Driven by a desire to help patients with unmet medical needs, our team collaborates with well-recognized institutions, physicians, and scientists to develop the next generation of therapies focusing on mitochondrial dysfunction in many diseases.

Position Title: Medical Science Liaison (MSL), US Medical Affairs

Location: U.S. based (Up to 60% travel)

Position Summary:

Stealth BioTherapeutics is seeking highly motivated Medical Science Liaisons (MSLs) to join our US Medical Affairs team. MSLs serve as key scientific resources in their assigned regions, facilitating rich scientific exchange with stakeholders across the healthcare ecosystem. MSLs will be responsible for executing medical plans for both licensed and investigational products, supporting clinical development, and generating actionable insights to inform company strategy. These are high-impact, field-based roles that require strong scientific expertise, communication skills, and strategic collaboration across internal and external partners.

Key Responsibilities:

Scientific Exchange, Advice Seeking, and Clinical Development Support

- Develop and maintain deep understanding of institutions and healthcare ecosystems within the assigned territory
- Establish and maintain professional relationships with healthcare professionals, advocacy groups, and researchers
- Provide medical support to company-sponsored registries and Phase 4 commitments
- Engage in scientific dialogue, ask insightful questions, and capture beliefs, ideas, and information for actionable insights
- Respond to medical and scientific inquiries and present information tailored to specific audiences
- Represent Stealth Biotherapeutics at conferences and medical meetings
- Support ongoing clinical trials through site identification and medical support

Therapeutic Support, Internal Collaboration, and Project Work

- Deliver medical and scientific training to Stealth employees
- Facilitate investigator-sponsored study requests
- Lead and support internal medical affairs projects
- Prepare for and contribute to advisory board meetings
- Mentor and support onboarding of new MSL team members

Administrative and Self Development

- Ensure compliance with company policies and regulations
- Maintain high levels of scientific and therapeutic expertise
- Document field activities and expenses accurately and on time
- Complete all required training and assessments in a timely manner

Competencies:

- Effective planning, prioritization, and self-direction in a dynamic environment
- Excellent verbal and written communication skills including empathic listening with true curiosity
- Emotional intelligence, resilience, and flexibility in dynamic and challenging situations
- Understanding of rare diseases, payer landscapes, and regulatory environment
- Comfort with virtual communication tools and platforms
- Literate and agile in the practical application of AI and able to navigate Health Information Technology.
- Knowledge of HEOR, RWE concepts, and FDA/industry compliance standards

Requirements:

- Terminal degree in a clinical or scientific field (PharmD, PhD, DNP, MD, or equivalent)
- 5+ years relevant post-doctoral clinical experience; residency or fellowship preferred
- 3–5+ years of MSL experience in biotech/pharma and rare disease/orphan drug experience strongly preferred
- Fluent in English; bilingual English/Spanish skills a plus
- Willingness to travel up to 60%
- State licensure preferred (if applicable)